62. (New) The apparatus of claim 47, further comprising means for editing the

processing program, and

means for writing the processing program edited by the processing program editor

into the portable memory.

63. (New) The apparatus of claim 50, further comprising means for editing the

processing program, and

means for writing the processing program edited by the processing program editor

into the portable memory.

64. (New) The apparatus of claim 54, further comprising means for editing the

processing program, and

means for writing the processing program edited by the processing program editor

into the portable memory.

REMARKS

Favorable reconsideration of this application as presently amended and in light of the

following discussion is respectfully requested.

Claims 1-64 are presently active in this case, Claims 1, 11-15, 22 and 23 amended and

Claims 24-64 added by way of the present amendment.

In the outstanding Official Action, the specification was objected to under 35 U.S.C.

§112, first paragraph; Claims 11-15, and 21 were rejected under 35 U.S.C. §112, first

paragraph; Claims 1-23 were rejected under 35 U.S.C. §102(e) as anticipated by or, in the

alternative, under 35 U.S.C. §103(a) as obvious over U.S. Patent No. 6,239,810 B1 to Van

Hook et al; and Claims 1-23 were rejected under 35 U.S.C. §103(a) as being unpatentable

over U.S. Patent No. 5,231,434 to Kennedy et al in view of JP 10134030 A to Akiko et al.

In response to the objection to the specification and the rejection of Claims 11-15 and 21 under 35 U.S.C. §112, first paragraph, Applicants respectfully traverse this objection and rejection. The Official Action takes the position that the specification does not adequately explain "embellishment image memory." However, Applicants' specification at page 14, lines 17-22 reads

> "The embellishment image memory 24 stores embellishment image data, which is to be superimposed on the digital image data DV1 output from the image processing circuit 10. The embellishment image data is used to modify the image expressed by the digital image data DV1, and includes a variety of image data representing marker images, pointing images, and ring-shaped images."

Moreover, Figures 10 and 11 provide examples of embellishment image data. Thus, the embellishment image memory and the embellishment image data stored therein are adequately defined by the specification. Nevertheless, in order to expedite issuance of a patent in this case, Claims 11-15 have been amended to change "embellishment image memory" to --image memory--. Therefore, the objection and rejection under 35 U.S.C. § 112, first paragraph is overcome.

Turning now to the prior art rejection, Applicants' invention is directed to a projection display apparatus for displaying images in an enlarged projection on a screen used for presentations. Prior art devices of this type required a personal computer or some other computing device to be connected to the projection display apparatus in order to supply presentation sheets to the projection display apparatus and provide an input mechanism for changing these presentation sheets during a user's presentation. This prior art system is problematic however in that the bulky and expensive personal computer equipment needs to be connected to the projection display apparatus in order for the user to conduct a presentation. Applicants' invention overcomes this problem.

Specifically, Applicants' Claim 1 recites a projection display apparatus having a memory controller configured to read out the information stored in the portable memory, the information including at least one image data representing a presentation sheet prepared in advance by a user of the projection display apparatus. Also recited is an image processing section configured to prepare display image data by using the image data stored in the portable memory according to an instruction of a processing program which is read from the portable memory and which represents a series of processing steps to be executed by the projection display apparatus. Also recited is an electro-optic device configured to form image light in response to the display image data, and an optical system configured to project the image light to display the image. Thus, Applicants' Claim 1 has now been amended to clarify that the portable memory stores at least one presentation sheet prepared in advance by a user of the display apparatus. Moreover, Claim 1 is amended to clarify that the presentation sheet is what is read, processed, and displayed by the projection display apparatus.

In contrast, the reference to Van Hook discloses a video game system for providing high speed 3D graphics. The system includes a video game main unit 52 that is coupled to a game cartridge including game information. The main unit is connected to a television via a cable so that the television displays the video game associated with the game cartridge. Thus, Van Hook does not disclose a portable memory that stores at least one presentation sheet prepared in advance by a user of the display apparatus as now claimed in Claim 1. Moreover, as acknowledged by the Official Action, Van Hook also does not disclose an optical system configured to project the image light to display the image representing the presentation sheet as also claimed in Claim 1.

With regard to the reference to Kennedy, while this reference discloses an overhead projector unit having an integral LCD panel and computer, this reference does not disclose a
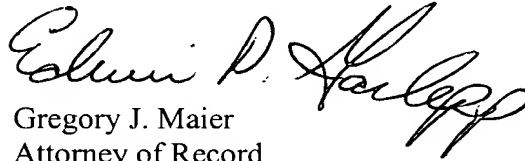
portable memory that stores at least one presentation sheet prepared in advance by a user of the display apparatus as now claimed in Claim 1. Although the computer of <u>Kennedy</u> can execute a program as the Official Action points out, this disclosure in <u>Kennedy</u> merely points out the ordinary operation of the computer and not the display of a presentation sheet that Applicants' invention is directed to. Moreover, the reference to <u>Akiko</u> does not correct this deficiency because this reference discloses a method for automatically executing the presentation of multimedia data without any reference to presentation sheets stored on a portable memory.

Applicants' method Claim 22 and means plus function Claim 23 have also been amended to clarify that the portable memory stores at least one presentation sheet prepared in advance by a user. Therefore, Claims 22 and 23 patentably define over the cited references for the reasons detailed above with respect to Claim 1. Moreover, as Claims 2-21, 24-43, and 44-63 depend from Claims 1, 22, and 23 respectively, these claims also patentably define over the cited references.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. An early and favorable action is therefore respectfully requested.

Respectfully submitted,

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IN THE CLAIMS

Please amend Claims 1, 11-15, 22 and 23 as follows:

1. (Amended) A projection display apparatus that carries out processing with information stored in a portable memory, comprising:

a memory controller configured to read out the information stored in the portable memory, the information including at least one image data representing a presentation sheet prepared in advance by a user of the projection display apparatus;

an image processing section configured to prepare display image data [representing an image to be displayed from said] by using the image data stored in the portable memory according to an instruction of a processing program which is read from the portable memory and which represents a series of processing steps to be executed by the projection display apparatus;

an electro-optic device configured to form image light in response to the display image data; and

an optical system configured to project the image light to display the image.

11. (Amended) A projection display apparatus in accordance with claim 1, further comprising:

an [embellishment] image memory configured to store embellishment image data,

wherein the image processing section is configured to combine at least one of the image data read from the portable memory and the image data supplied externally with the

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embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

12. (Amended) A projection display apparatus in accordance with claim 2, further comprising:

an [embellishment] image memory configured to store embellishment image data,

wherein the image processing section is configured to combine at least one of the image data read from the portable memory and the image data supplied externally with the embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

13. (Amended) A projection display apparatus in accordance with claim 3, further comprising:

an [embellishment] image memory configured to store embellishment image data,

wherein the image processing section is configured to combine at least one of the image data read from the portable memory and the image data supplied externally with the embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

14. (Amended) A projection display apparatus in accordance with claim 4, further comprising:

an [embellishment] image memory configured to store embellishment image data,

wherein the image processing section is configured to combine at least one of the image data read from the portable memory and the image data supplied externally with the embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

15. (Amended) A projection display apparatus in accordance with claim 7, further comprising:

an [embellishment] image memory configured to store embellishment image data, wherein the image processing section is configured to combine at least one of the image data read from the portable memory and the image data supplied externally with the embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

22. (Amended) A method of displaying an image with a projection display apparatus that includes an electro-optic device and carries out processing with information stored in a portable memory, the method comprising the steps of:

reading out the information stored in the portable memory, the information including at least one image data representing a presentation sheet prepared in advance by a user of the projection display apparatus;

preparing display image data [representing an image to be displayed from] by using the image data stored in the portable memory according to an instruction of a processing program that is read from the portable memory and represents a series of processing steps to be executed by the projection display apparatus;

causing the electro-optic device to form image light in response to the display image data; and

projecting the image light to display the image.

23. (Amended) A projection display apparatus comprising:

means for reading [information] from a portable memory a presentation sheet prepared in advance by a user of the display apparatus;

means for preparing a display image data from information read by said means for reading, said display image data representing the presentation sheet [an image to be displayed];

means for forming image light in response to said display image data; and

means for projecting said image light on a projection screen to thereby display the [image] presentation sheet.